

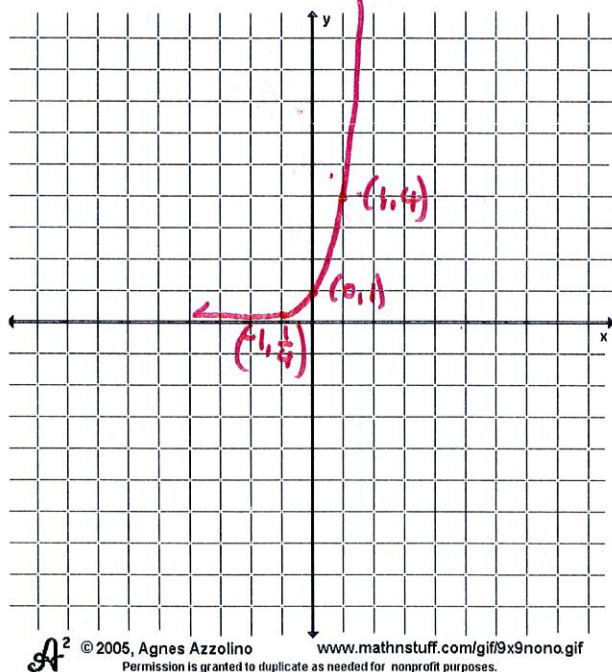
Name:

Mr. Davis

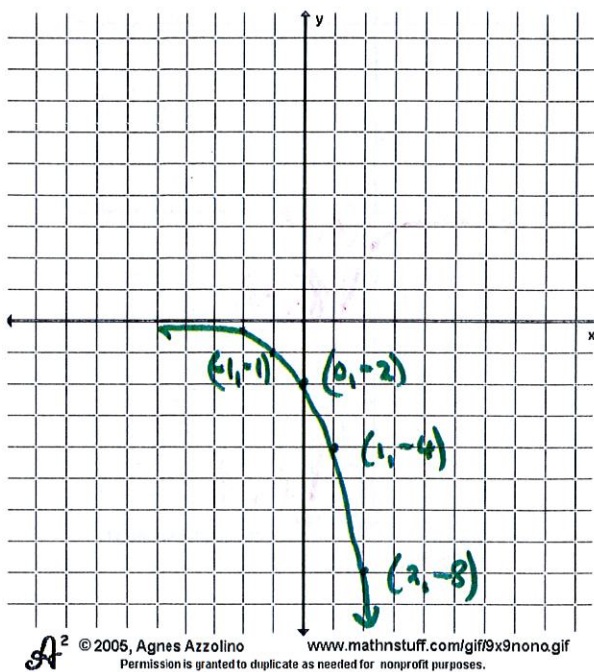
Solutions

Directions: Determine an equation of each exponential graph shown.

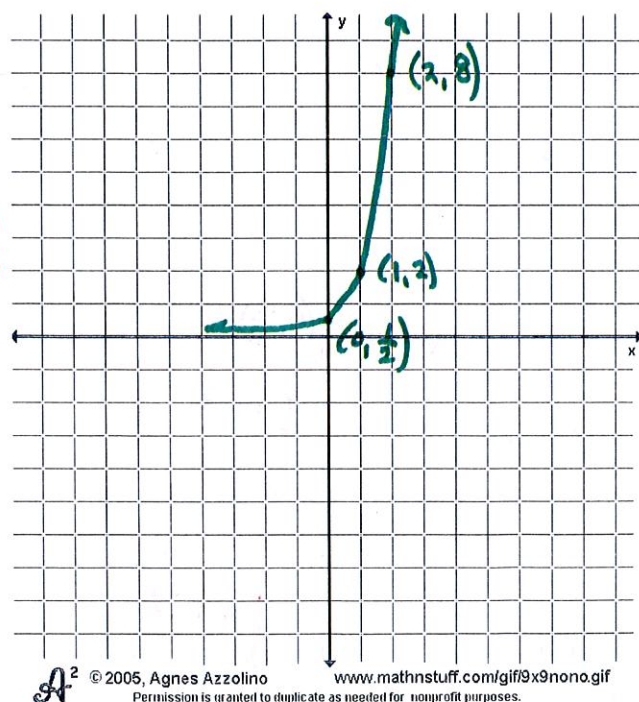
1. $f(x) = a(b)^x$ $f(x) = 1(4)^x$



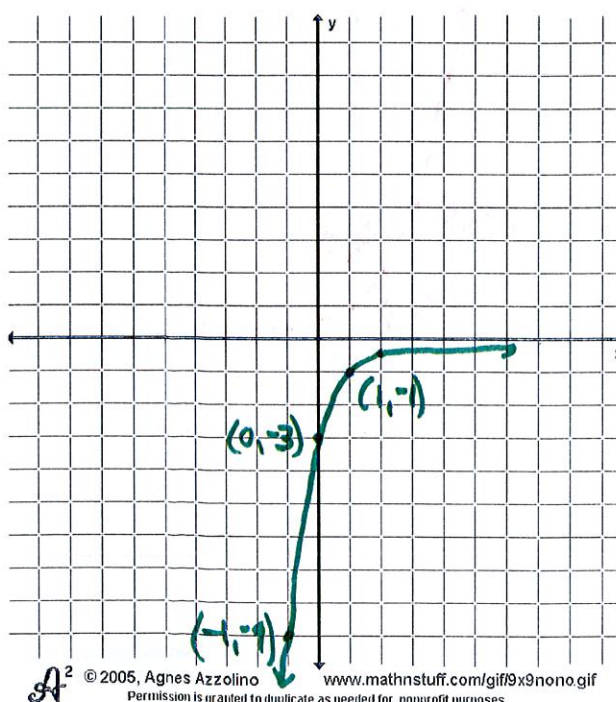
2. $g(x) = a(b)^x$ $g(x) = -2(2)^x$



3. $f(x) = a(b)^x$ $f(x) = \frac{1}{2}(4)^x$



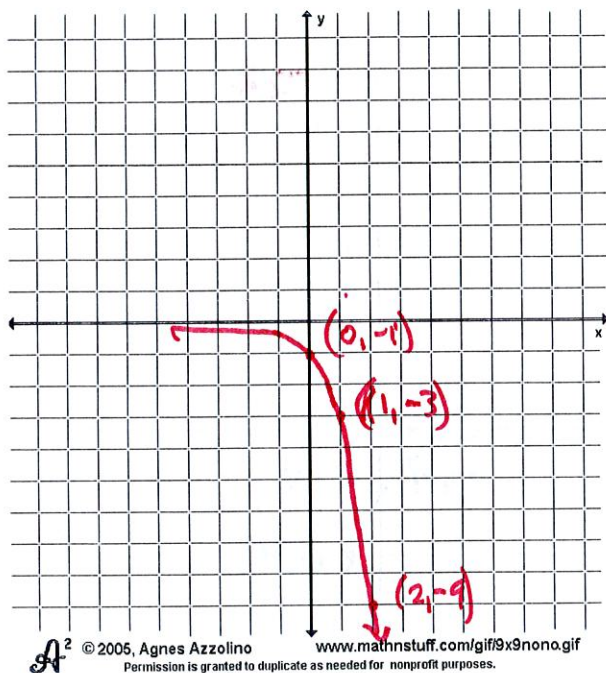
4. $g(x) = a(b)^x$ $g(x) = -3(\frac{1}{3})^x$



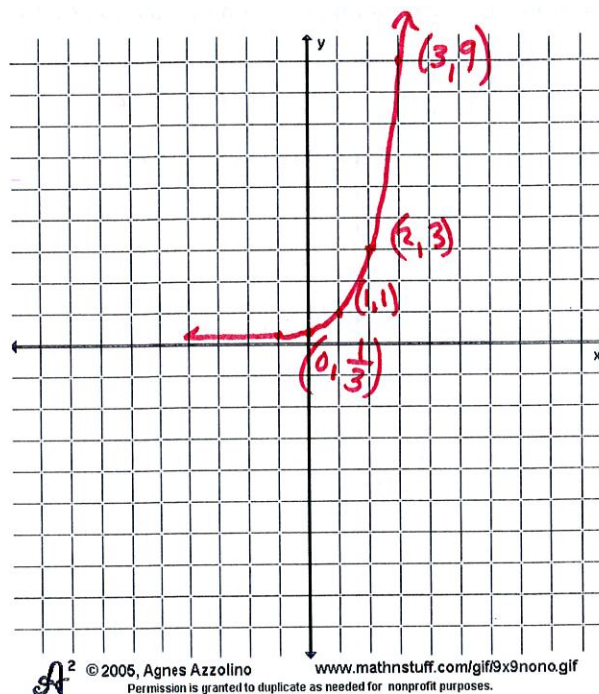
$y = \frac{1}{2}(b)^x$ $2 = \frac{1}{2}(b)^1$ $4 = b$

Directions: Graph the exponential function given.

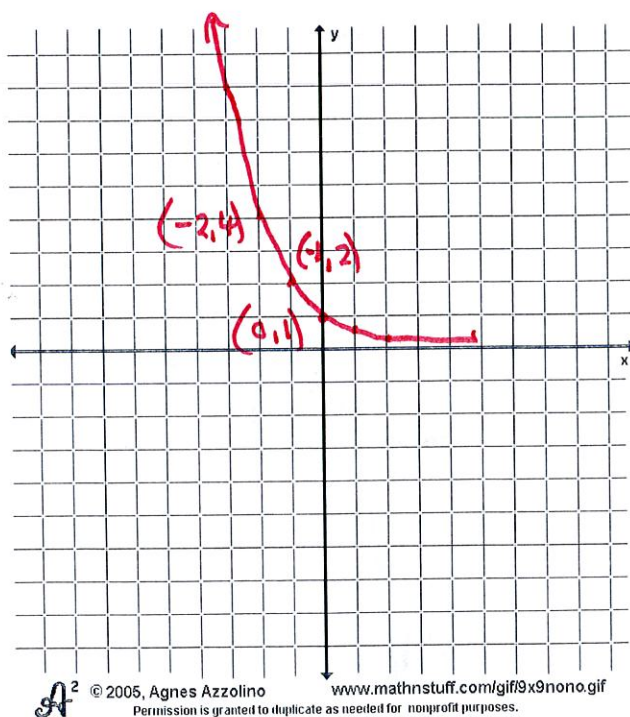
5. $f(x) = -(3)^x$



6. $g(x) = \frac{1}{3}(3)^x$



7. $f(x) = \left(\frac{1}{2}\right)^x$



8. $g(x) = -\frac{1}{2}(4)^x$

